

# Converting Colors

Hex(47E295)

Have a look what the booklet for  
Hex(47E295) contains.

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**Color**

**Hex(47E295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47E295
RGB	71, 226, 149
RGB Percent	28%, 89%, 58%
CMY	0.7216, 0.1137, 0.4157
CMYK	0.69, 0.00, 0.34, 0.11
HSL	150°, 73%, 58%
HSV	150°, 69%, 89%
XYZ	35.2197, 57.9022, 37.7537
YIQ	170.8770, -67.6630, -56.8070

# Conversions

## Conversions Part 2

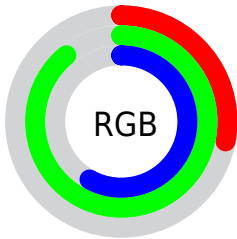
Format	Color
<a href="#">RYB</a>	<a href="#">71, 174, 226</a>
Decimal	<a href="#">4711061</a>
CIELab	<a href="#">80.68, -57.61, 26.19</a>
CIELCh	<a href="#">81, 63.286, 155.553</a>
Yxy	<a href="#">57.9022, 0.2691, 0.4424</a>
Android (android.graphics.Color)	<a href="#">4282901141 (0xFF47E295)</a>
YUV	<a href="#">170.8770, -10.7854, -87.5921</a>
Hunter-Lab	<a href="#">76.0935, -50.5453, 23.8488</a>

# Details

The Hex color **47E295** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **E24794**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **88FFCC**, and **00A962** is the 20% darker color. If you saturate the color by 10%, you get **30E28A**, and if you desaturate by 10%, it is **5EE2A0**.

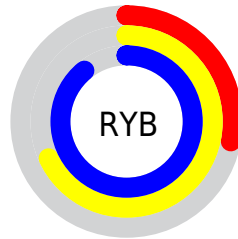
# Distribution



Red (28%)

Green (89%)

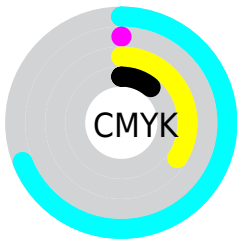
Blue (58%)



Red (28%)

Yellow (68%)

Blue (89%)

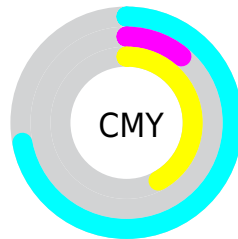


Cyan (69%)

Magenta (0%)

Yellow (34%)

Black (11%)



Cyan (72%)

Magenta (11%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47E295 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 47E295 by changing the saturation by 10% instead.



 47E295

 47E295

FFFFFF

 18C57B

 88FFCC

 00A962

 A7FFE8

 008E49

 C6FFFF

 007332

 E4FFFF

 005A1B

 004103

 002A00

 000500

 000000

 47E295

 47E295

 30E28A

 5EE2A0

 1AE27F

 74E2AB

 03E273

 8BE2B7

 00E272

 A1E2C2

 B8E2CD

 CFE2D8

 E5E2E4

 FCE2EF

 FFE2FA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1D963



47E295



00E6D2

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47E295



6CCBFF



FF9E87

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47E295



E24794

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF94C0



47E295



DAB4FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47E295



00DBFF



FF9EFA



FFB35B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47E295



00E5FA



FF9EFA



FF9999

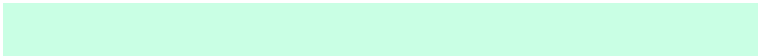


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47E295



C9FFE4



94E247



608070



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47E295



2EFF97



47E2E2



65706B



00B059



003018



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E24794



FF2E96



E24747



70656B



B00057

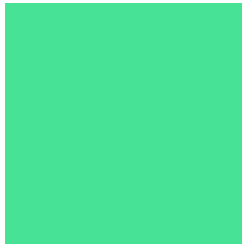


300018



# Previews

## White Background



This preview shows how the Hex color 47E295 looks on a white background.

## Color Contrast Check

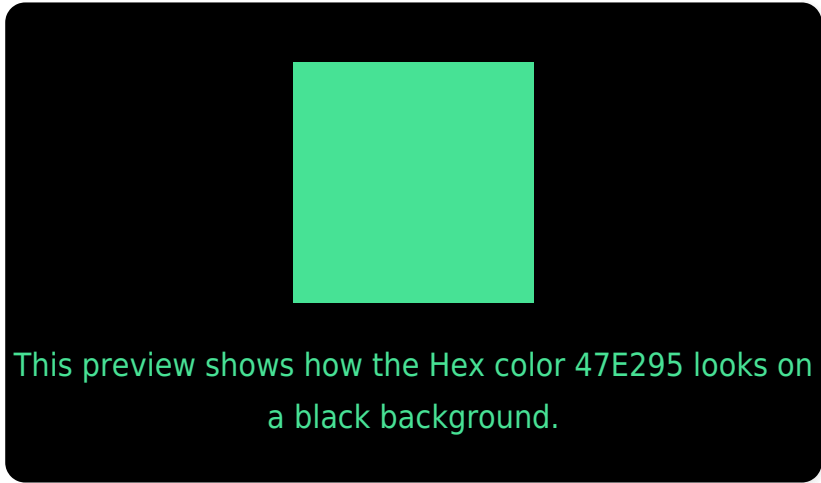
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47E295 Background



This preview shows how black text looks on a background with the Hex color 47E295.

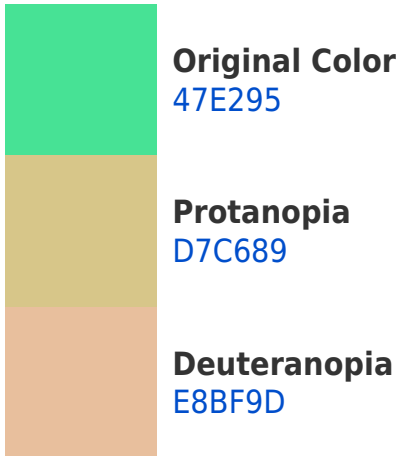


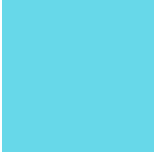
This preview shows how white text looks on a background with the Hex color 47E295.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
67D8E9

# Trichromacy



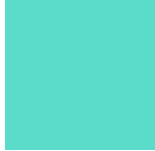
**Original Color**  
47E295



**Protanomaly**  
A3D08D



**Deuteranomaly**  
ADCC9A

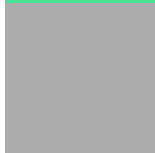


**Tritanomaly**  
5BDCCA

# Monochromacy



**Original Color**  
47E295



**Achromatopsia**  
ABABAB



**Achromatomaly**  
87BFA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47E295 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #47E295 looks like.

```
.text, #text, p{  
    color:#47E295  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #47E295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47E295
}
```

## Border

The CSS property to change the border of an element to Hex 47E295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47E295 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#47E295 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #47E295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47E295; -webkit-box-shadow:4px 4px  
4px 4px #47E295; box-shadow:4px 4px 4px  
4px #47E295 }
```

# Background

The CSS property to change the background color of an element to Hex 47E295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47E295 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#47E295 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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